

90 PerCent United Fund Reports Show Y-12 Over The Top



"Backward, turn backward, O Time, in your flight,
Make me a child again just for tonight."

YOU DON'T HAVE TO BE A CHILD again to enjoy the Halloween festivities. Come to Y-12's Big Dance Friday, October 23, at the Oak Terrace. (Photographer Ward Bandy's children . . . Tom and Don make interesting character studies of childhood in the classic photo above.)

Friday Is Big Night For Y-12 As Halloween Dance Is Set!

The big week has arrived and Friday is the night! The fodder-stacks have been gathered and the pumpkins will be there to add a touch of Autumn orange to the festivities.

Have you purchased your tickets yet for the Y-12 Halloween dance, coming Friday, October 23? It will be held at the Oak Terrace Ballroom, Oak Ridge . . . with the gaiety to begin at 9 p.m. Ticket salesmen and salesladies include the following:

Shirley Humphrys	Bldg. 9720-8
Jo Ann Isham	9212
J. C. Thompson Jr.	9201-1
Ann Ware	9204-2
Kathleen Milligan	9201-1
Doris Mathis	9706-2
Daisy Ward	9995
Gene Barnes	9733-2
Dottie Fielder	9720-6
C. M. "Hap" West	9711-1
Frances Donahue	9734
Jeanne Cothron	9201-5
Faye Duncan	9215
J. P. Smith	9733-2
Betty Whitehorn	9202
Ella Stansell	9723-15
Helen Long	9723-14
Clarice Cagle	9739
Jo Walpool	9204-4
Mildred Scott	9706-2
R. T. Cantrell	9704-2
Cafeteria	9711-5

Since the theme of the dance

is Halloween folks will be coming in costume, rather than their best bib and tuck, as usual. Prizes will be awarded to the most originally-dressed man and woman there. (A transistor radio each . . . a good one, too!)

Bill Lawson and his fine orchestra will be there on time to start the dancing music pronto.

So you'd better get to the nearest ticket-seller soon and get those tickets.

Tickets will be available also at the door, but who wants to fumble around in the lobby buying a ticket? We're getting ours early! How about you?

SAFETY SCOREBOARD
The Y-12 Plant Has
Operated
33 Days Or
1,075,000 Man-Hours
(Unofficial Estimate)
Without A Disabling
Injury
Through October 18
Phone 7755
For Daily Report
On Accident-Free Hours

Mason Named To Board Of Hanover Trust Co.

Birny Mason Jr., president and chief executive officer of Union Carbide Corporation, has been elected a director of Manufacturers Hanover Trust Company.

Mason is also a director of Consolidation Coal Company, The Fidelity and Casualty Company of New York, and Metropolitan Life Insurance Company. He is a trustee of Cornell University and the National Safety Council and a member of the National Industrial Conference Board and the New York Chamber of Commerce.

The Carbide official was born in Brownsville, Pennsylvania, and is a graduate of Cornell University. He joined Union Carbide the year following his graduation, and has held various positions in research and production before being made manager of the corporation's industrial relations staff in 1952. In 1955 he became secretary of the corporation and the following year was named president of Union Carbide Development Company. He became a vice president of Union Carbide Corporation in 1957, executive vice president and a director in 1958, president in 1960, and chief executive officer in 1963.

Mason lives in Larchmont, New York.

Division Sets Dance Next Week

Fall is here! . . . ushering in festivities of a gala holiday season . . . as bright and gay as forest foliage. The days are growing shorter — there's a nip in the air. And here's a tip: the days are also growing shorter in which you can buy your tickets to the Product Engineering Fall Dance to be held next Friday, October 30, at the Oak Ridge Holiday Inn.

Fun and frolic are the format . . . no cavorting, capering or costumes for the week kids . . . with treats galore! Gracing the list are the Sisters Four . . . soundly backed by Charlie Baker's Five, who will also set your feet a'twistin' and a-twirlin' from 9 p.m. to 11 a.m. Betwixt and between all these swirly, door prizes will be given away . . . a beautiful 19" French Provincial, cherry TV . . . a white clock-radio . . . and many others. The planning and ticket committee has worked like elves and elfin for your evening's enjoyment . . . have gone all the way . . . and all you have to pay is \$2.50 a head to flit into the cave! So, scat, scat, cat! Everything's ready for you! All you have to do is get ready . . . get your tickets . . . and go, go, go! And we'll see you there for a-howlin' good time.

COSTUMES OPTIONAL

Although there will be prizes for the most original costumes (male and female at Friday's Big Dance) . . . 'dressing-up' is optional at Y-12's dance.

Only \$528 Needed To Surpass Last Year's Record Of Giving!

United Fund figures in thus far give every indication of Y-12 breaking its own record again. With approximately 90 per cent of the records in . . . a grand total of \$41,491.40 is already collected or on the payroll deduction pledge cards!

Last year's total 100 per cent report showed a total of \$42,019.00 . . . so the remaining 10 per cent of the plant need contribute but \$528.60 plus to put 1964 in as a banner year. Indications were that the final count would put Y-12 comfortably over the \$42,000 of 1963.

Payroll deductions gained again, making more than 80 per cent of all employees on the convenient method of giving.

This year's monies are distributed as follows:

Anderson County	\$23,118.10
Knox County	11,329.30
Roane County	4,587.95
Loudon County	1,373.10
Morgan County	839.20
Others	243.75

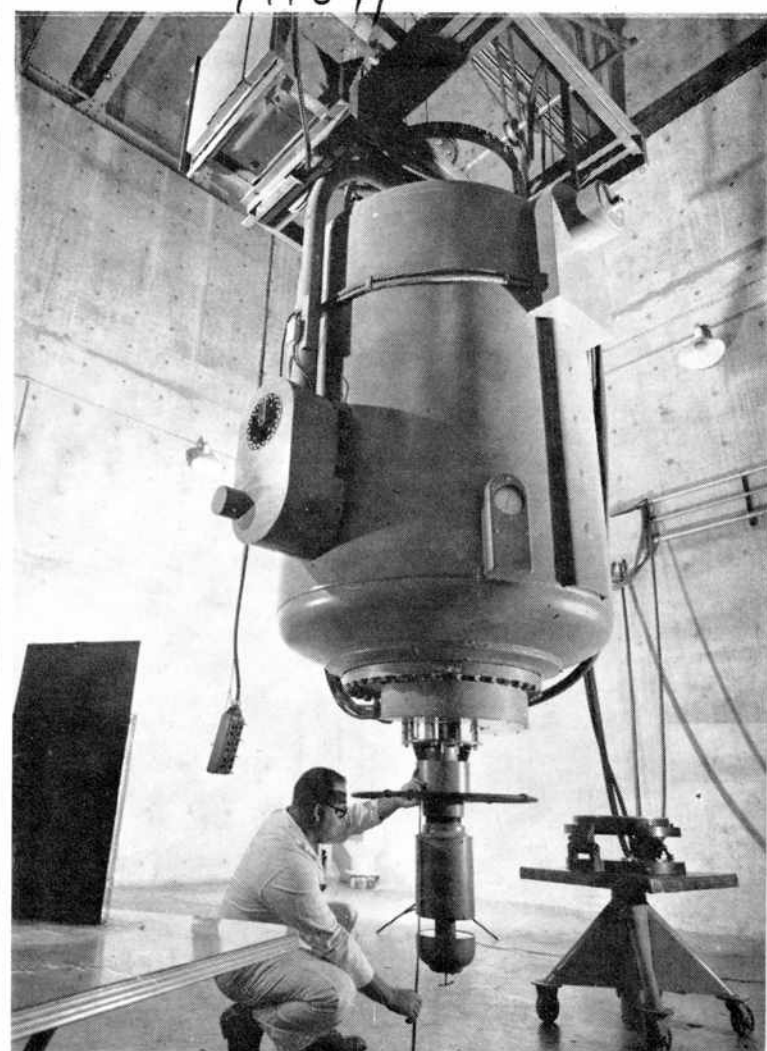
A total of 55 departments in Y-12 are contributing to the Uni-



ed Fund 100 per cent. These honor departments are saluted. Below are their names:

Receiving
Data Processing
Reproduction
General Accounting and Budget
Statistical Services
Superintendents Department
Shift Superintendents
Multiplant General Planning
and Estimating
SS Control
Development Operations
Ceramics and Plastics
Development
Chemistry Development

Continued on Page 4



WALLY WHITE, PHYSICAL TESTING, is seen making computations near this two-million volt X-ray generator . . . 26 to 40 times as powerful as dental X-ray generators. The generator is used to detect minute flaws in heavy metals, primarily steel and uranium. It can penetrate up to 10 inches of steel from a distance of 48 inches in a 30-minute exposure, resolving spherical type defects or inclusions 0.150 inches in diameter . . . equal to 1.5 per cent of the thickness. It can penetrate up to four inches of uranium from a distance of 24 inches in a 30-minute exposure, resolving spherical type defects 0.080 inches in diameter . . . equal to two per cent of the thickness.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



JAMES A. YOUNG Editor

Member



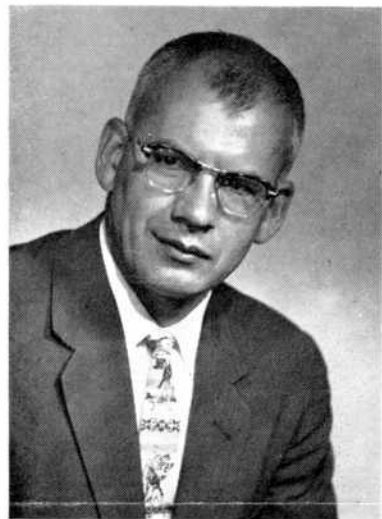
Appalachian
Industrial
Editors'
Association

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Dinner Meet Set By Metals Society

Alexander Hotel
Wednesday, Oct. 28



Thomas M. Miller

The Oak Ridge Chapter of the American Society for Metals will hold a meeting next Wednesday, October 28, at the Alexander Motor Hotel, Oak Ridge. Dinner is set for 6:45 with the social hour at 6:15 p.m. The technical session will begin at 8.

A 15-minute movie entitled "March of Materials Technology" will be shown immediately after the featured speech.

The speaker is Thomas M. Miller, sales manager of the Marshall Products Company. Miller received a BS degree in engineering from Penn State and has done graduate study at Northeastern in subjects related to the furnace field — mathematics, physical metallurgy and heat transfer. He is a registered engineer in the states of Pennsylvania and Massachusetts and a member of the American Vacuum Society. Before he joined Marshall Products he was with the National Research Corporation, and the Westinghouse Industrial Heating Division in the Vacuum Section.

Dinner reservations may be made through J. W. Tackett, Oak Ridge home phone 483-8611, or extension 6571.

AICHe National Prexy Speaks Tonight

The national president of the American Institute of Chemical Engineers will address the local chapter tonight.

The meeting is set at the Senators Club (old C'est Bon) with dinner at 7:15 and the technical session at 8.

Donald A. Dahlstrom, national head of AICHe will speak on "Chemical Engineering — Past and Future."



Statistics point out that more men lose their mental balance than women . . . however, the figures do not point out that it's women that cause men to lose their marbles . . . most of the time, anyway!

News around the plant is shy, what with the series over . . . and election still the current topic. There are a few short items . . . first in

FABRICATION



Susan K. Williams

Only three months old . . . but already with a winning smile is Susan Kathleen Williams, daughter of Lynn Dee and Sandra Williams, 113 Sheridan Circle, Oak Ridge. Her father L. D. works in M-Wing Machine Shop, and her grandfather, Fred Williams is in the General Machine Shop.

From E, M, C-Wing 9206 Shops it's told that H. F. Harris vacationed recently in Washington, D. C. . . . Ray Aytes returned (and FAST) from a Florida vacation. He was there during a hurricane.

J. D. Collins spent a week of his vacation dressing up his home with a new coat of paint . . . W. L. Mincey and B. R. Sparks vacationed in parts unknown. Jim Hale spent a week working on his house boat most of the time . . . John Neeley took one day off to see his favorite football team, Powell, play. He also took in the UT-Boston College game. That BC we took was quite some pain reliever!

R. E. Cooper took a week to go hunting, squirrel, it says here . . . D. A. Davis just rested and relaxed . . . J. E. Barton is in Oak Ridge Hospital and may be there a while. Best wishes to him.



Terrel Dwaine Shipley

This pensive looking fellow is Terry Shipley, three year old son of Al and Shirley Shipley, Knoxville. (Al is in the H-2 Office).

Cheer up, Terry, it's not as bad as it seems sometime!

The Specimen Shop says that R. E. Moneymaker and G. E. Valentine are stay-at-home vacationers.

Tool Grinding reports that A. G. Keisling is visiting in Florida . . . F. M. Jones just 'snuck-off' somewhere.

Machine Maintenance tells that G. M. Del Cour headed for the "Big City" to take in the World's Fair.

Late (maybe a little too late) news has F. E. Cox, H. L. Hunter and H. L. Hixon all vacationing. H. H. Sanning vacationed going to Cincinnati . . . and planned to gather in the harvest as well as slip in a little fishing.

Continued on Page 4

Fashion note: Little change in men's pockets this fall!

MAINTENANCE



Benny J. Gardiner Jr.

Now here's a triple-threat as far as Y-12 is concerned . . . a papa and two grand-papas on the premises. He's little Benny J. Gardiner Jr., six months old son of the B. J. Gardiner Sr.'s. The grand-fathers are T. A. Gardiner and W. F. Ragsdale.



Andrea Renee Lankford

This little lady has a double-barrelled grand-father situation in the plant also. She is the daughter of Mr. and Mrs. Ted Lankford Jr., and was born on New Year's Day. Her mother, Pat Lankford, was formerly with ORNL Biology. The senior grandfathers are Ted Lankford Sr., Maintenance, and S. L. Gallman, Secondary Quality Control.

That's about it.



J. Edgar Hoover, Director
Federal Bureau Of Investigation

'Any Employee Can Be Used By Soviets For Spy Purposes'

(EDITOR'S NOTE: Below is a story from J. Edgar Hoover, director, Federal Bureau of Investigation. It relates one of the FBI cases on just how a Soviet agent obtains material he needs in his master-plan. The Hoover article appeared in the April, 1964 "Industrial Security" magazine.)

The telephone rang in the home of an employee of a large aircraft plant. He had placed an ad in that day's newspaper soliciting part-time drafting work.

The caller indicated that he had some work he wanted done. He inquired concerning the cost, but did not give his name or address.

Some 10 days later the stranger visited the American's apartment. He gave his name as Victor Petrov and requested the draftsman to trace some diagrams from a magazine.

Petrov returned several times to visit the American. He brought additional diagrams either from magazines or loose as if taken out of trade journals. He would leave them, return in a week or so, pick them up and leave some more.

Develops Friendship

On these trips Petrov liked to talk and seemed to want to develop the American's friendship. On one occasion he brought toys for the children. He readily paid any price asked for the drawings.

As time progressed, Petrov — who now identified himself as a Russian — began to become even more friendly. He and the American met in the evenings or went to dinner together.

He also became more "interested" in the draftsman's employer — the aircraft company. He began to ask specific questions.

Pay Increases

Could the American secure publications from the company library? Petrov said the "pay" for obtaining articles from this library would be better than the pay for the tracings. He would pay \$50 or even \$100 for articles of value to him!

Why did Petrov want this material? He said that he was obtaining it to assist a "client" who was working for a PhD degree!

But he wanted answers to other questions too. How many employees did the firm have?

What about the company's tele-

phone directory? Could the informant secure a copy? Was the engineering department working one or two shifts?

Maybe the employee had some friends or acquaintances in the company who could "help" him.

One day the American mentioned that he had been to the dentist. Did he need any more, inquired the Russian, anxious to be of help.

'Fill In Blanks'

One day he handed the employee a sheet of paper, folded in the middle, which appeared to have been taken from a magazine. The paper contained a chart listing the specific specifications and flight characteristics of the United States military aircraft. In some places, however, blanks indicated that specific information on certain aircraft could not be publicly released because of security reasons. Could the American "fill in" some of the empty spaces? Petrov specifically asked the employee to check the chart regarding the items he wanted answered!

The employee stated several times—in very specific terms — that this was classified data. But Petrov ignored the comments and insisted that the answers be found.

Identified As Agent

The FBI identified Petrov as Viktor Ivanovich Petrov, a Russian employee of the United Nations Secretariat in New York City. This information was brought to the attention of the Secretary General of the United Nations by this Government. Petrov was dismissed from his job and left the United States.

Note, if you will, the technique of operation of this Soviet spy:

—how he made personal contact with the American;

—how he tried to develop his "friendship" even to the extent of bringing toys to the children.

—how he eventually endeavored to exploit this personal rela-

Continued on Page 4



THE HOT SHOTS AND PINTWISTERS, E League bowling teams, roll every Wednesday morn in Oak Ridge, as the shift-workers have plenty of elbow-room at the alleys. The Hot Shots, in the top photo, include J. Kirschler, captain and W. Hale, seated . . . and standing are R. Broome and A. Mann. The Pintwisters in the lower picture are made up of Fred Rosko, G. Richmond, Captain D. Hill and Van Effler.

Four Squares Eke Slim E Loop Lead

Horne Sweeps All Individual Highs

The Four Squares took the razor-thin lead in the E Bowling League last week by blasting the Cannon Balls for the full count. A three point win went to the Pintwisters over the Alley Bees and to the Hot Shots over the Ten Pins.

R. Horne, Four Squares, squared things right with his team by taking all individual honors . . . rolling singles of 223 scratch, 249 handicap . . . and series of 552 and 630.

The Four Squares took most of the team boards, also, rolling scratch singles of 686 and series of 1998 and 2373. The Hot Shots edged in and took handicap singles, rolling 812.

League standings follow:

Team	W	L
Four Squares	16½	11½
Alley Bees	16	12
Ten Pins	14	14
Pintwisters	14	14
Cannon Balls	12½	15½
Hot Shots	11	17

Beavers And Teds Locked For Bush Top

The Beavers and Teds moved to the foreground of Bush Bowlers last week. The Beavers crushed the Hi Balls by the full count . . . and the Teds rolled over the Rollmasters by three. Other three point victories went to the Outcasts over the Beginners and the Spec Five over the Seven Sixties.

Jack Gresham, Beginners, began marking high in single games by taking a 205 scratch, 243 handicap game. Bob Bass, Outcasts, outsmarted the field on series counts with a 520, 631 total.

The Beavers almost swept team boards by posting an 883 scratch, 1052 handicap score in singles . . . and 2350 scratch in series count. The Outcasts rolled high handicap series of 2940.

League standings follow:

Team	W	L
Beavers	7	1
Teds	7	1
Beginners	5	3
Outcasts	4	4
Seven Sixties	4	4
Spec Five	3	5
Rollmasters	2	6
Hi Balls	0	8

Winter Is Acumen In

"The naked hills lie wanton to the breeze,
The fields are nude, the groves unfrocked,
Bare are the limbs of all the shameless trees—
No wonder the corn was shocked."
... Borrowed

Gardening helps keep one down to earth.

Goofers Move Up To Mixed Loop Top

Chumps Share Bowling Limelight

The Goofers moved up to tie the Chumps for first place standing in the Mixed League for Y-12 bowlers last week. They took the full count of four from the Turtles. The Chumps wrestled three from the Twisters. The Alley Cats also took three from the Bingos as did the Alley Oops from the Blue Angels.

Women-wise it was Muriel Ferguson, subbing on the Alley Oops, as she rolled a 179 scratch single, and series of 481 scratch and 565 handicap. Verna Peckman, Blue Angels, took handicap singles with a 214. Bill Shelton, Alley Cats, rolled singles of 201 scratch and 225 handicap. His scratch series of 530 was high also. Roy Rector, Turtles, took a 613 handicap series.

The Goofers rolled high singles in scratch count with a 611. Their series of 1788 scratch and 2226 handicap also led the pack. The Chumps rolled handicap single highs of 761.

League standings follow:

Team	W	L
Chumps	13	7
Goofers	13	7
Alley Cats	12	8
Blue Angels	11	9
Alley Oops	9	11
Twisters	8	12
Turtles	7	13
Bingos	7	13

Hookers Seize C Loop Alley First Berth

The Hookers moved up to seize first reins on the C League for Y-12 bowlers last week. They downed the Big Five for three points and former league leaders, the Sunflowers, lost three to the Rodders. The Rounders took a four point victory from the Lucky Strikes. Other three point wins went to the Badgers over the Shud-A-Beens, and the Hi Lifers over the Parbusters. The Strikers-Five Roses duel ended in a draw with both teams sharing two.

Arnold Tiller, Rounders, swept individual honors all the way, taking singles of 233 scratch, 257 handicap and series of 589 scratch, 661 handicap. The Rodders were tops in team rolling, posting singles of 897 scratch, 1031 handicap and series of 2556 and 2958.

League standings follow:

Team	W	L
Hookers	16	4
Sunflowers	15	5
Parbusters	13	7
Badgers	12½	7½
Five Roses	12	8
Rounders	10	10
Hi Lifers	9	11
Rodders	8	12
Shud-A-Beens	7	13
Big Five	7	13
Strikers	5½	14½
Lucky Strikes	5	15

Recreation



calendar

Monday, October 26
BOWLING: C League, 5:45 p.m.; Bush League, 8 p.m. (Ark Lanes)
Tuesday, October 27
PHYSICAL FITNESS: 7:30 p.m., O. R. High School Gym
Wednesday, October 28
BOWLING: E League, 10 a.m.; Mixed League, 8 p.m. (Ark Lanes)
Y-12 PISTOL LEAGUE: 7:30 p.m., Anderson County Gun Club
Thursday, October 29
BOWLING: Classic League, 5:45 p.m. (Ark Lanes)
Y-12 RIFLE LEAGUE, 7 p.m. (Anderson County Gun Club)
Friday, October 30
PRODUCT ENGINEERING DANCE, 9 p.m., Holiday Inn, Oak Ridge.



TWO MORE BIG CLASSIC bowling teams mug it up for the pressmen. In the top photo are the Has Beens . . . from left, Jack McLendon, Bobbie Rutherford, Roy Roberts, Rudy Pletz and Bill Mee. In the lower photograph are the All Stars, Bill Hackett, Tom Pappas, H. D. Whitehead, Otto Briscoe, and Paul Evans. The Has Beens enjoy top-riding in league standings, while the All Stars are about mid-way.

Has Beens Lengthen Lead In Classic Bowling League

The Has Beens tightened their reins on the Classic League lead last week as they bowled over the Eightballs for the full four-mark count. Other four pointers went to the Tigers over the Cubs and the Swingsters over the All Stars. Three point victories were scored by the Smelters over the Wolves, and the Screwballs over the Playboys.

The Rippers - Rebels, Bumpers-Wasps duels ended in draws . . .

each team sharing two points.

George Cantrell, Swingsters, swung through singles handsomely, rolling a 236 scratch, 252 handicap. Arnold Tiller, Rebels, took scratch series high with a 595 . . . and Otis Rackley, Swingsters, had high handicap series of the night with a 654.

The Swingsters ate the board up for team honors, rolling singles of 939 scratch, and 1042 handicap . . . series of 2677 and 2976.

League standings follow:

Team	W	L
Has Beens	22	6
Splinters	19	9
Eightballs	17	11
Smelters	17	11
Rippers	16	12
Bumpers	16	12
Tigers	16	12
Swingsters	15	13
All Stars	13	15
Markers	13	15
Wasps	13	15
Screwballs	13	15
Playboys	12	16
Wolves	12	16
Rebels	7	21
Cubs	3	25

Tennis Action Keeps Akers With No Loss

Several tennis matches got underway last week in Y-12's Tennis League . . . Bill Akers still leads the pack. He took on two opponents, downing both of them. Al Fischer fell 6-0, 6-0 and Campbell King went down 6-2, 6-2.

Ed Del Grande defeated Bob Bass 7-5, 6-4 . . . and Sam Campbell felled Campbell King 6-2, 6-2. Del Grande defeated Bill Backett 6-2, 6-3. He fell later in the week, however, to John Jones 6-4, 6-3.

Hackett downed Bob Bass 6-2, 6-3. John Jones defeated Don Legacy 6-4, 6-4.

League standings follow:

Player	W	L
Bill Akers	7	0
Sam Campbell	9	1
Ralph Levey	6	1
John Pridgeon	3	1
Bill Hackett	4	4
Ed Del Grande	4	4
Bob Bass	4	4
John Jones	3	3
Dick Huber	3	4
Campbell King	3	6
Roy Huddleston	2	7
Don Legacy	1	7
Al Fischer	0	6

Teen-Age Marriages Are Most Risky . . .

"Early marriage, long love," goes an old German proverb. Not so, say the statistics. In nearly half of the couples that end up losers in the game of love, the wife was in her teens when she married. The odds are even worse when both the groom and bride are still in their teens.

Marriage counselors and social scientists give any number of reasons for all this. The most obvious is plain and simple immaturity. Marriages between teen-agers have twice the break-up rate of those where the woman is over 21 and the man at least 24.

WORLD POWER

Of the world's 624,448,000 kilowatts of electricity generated in 1962, the United States produced almost a third of it . . . or 209,846,000 kws.



"He's a pedigree bird dog."

UNION CARBIDE CORPORATION

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Oak Ridge, Tennessee—37831

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Continued from Page 2
FABRICATION

News fresh from Beta Four is that **G. E. Carden, N. B. Parks, C. H. Arden** and **I. L. Miller** all vacationed, doings unknown.

T. E. Stooksbury and **H. M. Salyers** are looking to their week off. Salyers was planning to do a little 'coon hunting.

Recently **C. F. Butler** and **I. L. Miller** decided to have a fishing trip on the conditions that Miller got to keep all the fish. Since Butler knows his fishing skill, and doubts Miller's, he agreed to the proposition. But they did pretty well . . . They kept the seven biggest ones and let the others go. The motorman, Butler, cranked the engine to go home, leaving the stringer in the water, which naturally sheared a pen when it hit the prop. They not only lost the fish but had to pay the dock keeper for a borrowed stringer. But anyway, Miller thanks Butler for the nice mess of fish he didn't get!

E. F. Johnson is welcomed into the shop, transferring in from H-2.

From F Area it's learned that **J. S. Steward** took a vacation to be with his son John W., who was home on leave from service . . . **W. W. Chilcoat** took a week's vacation with few plans other than just hanging around home . . . **D. H. Alexander** and **S. A. Morton** also vacationed, not telling where they went or what they did.

From the big machine shop **J. E. Barton** is still in Oak Ridge Hospital, but is getting better.

Best wishes to **Ralph Graham's** wife who is recuperating at home from recent surgery.

A. R. Agee has been off with the miseries, mostly flu, we think. Hurry up, Arnold, we miss you.

C. J. Moody has returned from a week's vacation . . . and **B. D. Cantrell** is serving on a jury somewhere.

Executive VP's Are Named By Union Carbide

Union Carbide Corporation announces the appointments of three division vice presidents. Charles M. Blair was named executive vice president of the Plastics Division. Thomas R. Miller was appointed vice president of the Chemicals Division; and Kenneth H. Rowland as executive vice president of the Olefins Division.

TROPHIES—RIBBONS

The Holmberg children, recently identified on their horses as winning 10 trophies and blue ribbons at the Anderson County Fair, actually won three trophies and 10 blue ribbons. They are the grandchildren of Mrs. Lula Belle Justice, Mail Department.

Morehead And West Attend AEC Meeting

James Morehead and C. M. West, Y-12's Radiation Safety, attended the Atomic Energy Commission and Contractor Health Protection Personnel meeting October 14-16. The meeting was held in Los Angeles, California.

Other persons attending the annual meet included Joseph A. Lenhard, AEC's Oak Ridge Operations; Dr. T. A. Lincoln, N. E. Bolton and E. D. Gupton, Oak Ridge National Laboratory; Dr. Lynn Lockett and A. A. Brooks, Oak Ridge Gaseous Diffusion Plant.

The annual meeting for 1964 was unclassified and covered discussion in the fields of health physics, processing and studies on medical data, computer applications, health hazards, accidents, and other related subjects.

'Project Plowshare' Is T. D. Seminar Topic

J. W. Landry will discuss "Project Plowshare" at this week's Thermonuclear Division seminar.

It is set for Thursday, October 22, at 9 a.m. in the TD Conference Room, Building 9201-2.



Another host of Y-12ers enjoy Union Carbide Corporation anniversaries this week. Congratulations.

20 YEARS

Louie A. Litton, Guard Department, October 21.

Clarence C. Parson, Research Services, October 23.

John B. Geasland, Stores Department, October 23.

Lester P. Parrett, Research Services, October 24.

Frank A. Thurman, Uranium Chemistry, October 25.

Georgia M. Rader, Microreproduction and Engineering Services, October 26.

Clifton M. Voekel, Uranium Chemistry, October 27.

10 YEARS

Walter G. Seymour, Beta Two Shop, October 22.

James E. Barnes, Dimensional Inspection, October 23.

Donald G. McAlister, Electrical Engineering, October 25.

Ralph E. Newcomb, H-2 and F-Area Shops, October 25.

William D. Ross, Physical Testing, October 25.

Robert G. Wilder, Statistical Services, October 25.

Milo E. Ward, Uranium Chemistry, October 25.

Bob G. Worthington, Dispatching Department, October 27.

Walter M. James, Mechanical Inspection, October 27.

Bernard E. Monroe, Physical Testing, October 27.

DUTY, HONOR, COUNTRY

The United States Military Academy at West Point first opened on July 4, 1802 with 10 cadets. West Point has been a military base since 1778.

UN Program Set In Oak Ridge

A special United Nations program will be co-sponsored next week in Oak Ridge by the Lions and Kiwanis Clubs. The program will begin at 8 p.m. next Wednesday, October 28.

Featured speaker will be the Honorable Frank Wilson, Federal Judge in Chattanooga and former prominent citizen of Oak Ridge. He will present a short talk on the United Nations.

Folk songs by singer-composer Billy Edd Wheeler will be featured. Mr. Wheeler is originally from West Virginia and is a graduate of Berea College. Some of his songs, such as "The Reverend Mr. Black" and "Desert Pete" have been made popular by folk artists. He is a featured entertainer at the Annual Meeting of the Council of the Southern Mountains.

A reception will honor Judge Wilson after the formal program, sponsored by the Oak Ridge chapter of the American Association of University Women. Music will be provided by the Clef Dwellers of Oak Ridge High School, directed by Steve Combs.

Tickets are \$1 per person and can be obtained in advance from members of the Lions and Kiwanis Clubs and many other co-operating clubs and organizations.

United Fund

Continued from Page 1
Mechanical Development
Radiation Safety
Quality Assurance
Methods Evaluation Group
Machine Tool Engineering
Material Specimen Shop
Fabrication Planning and Coordination
Chemical Services
Beta Two Forming
Special Projects
Tool Engineering
Quality Liaison
Secondary Quality Control
9215 Rolling
Janitors
Maintenance Administrative Services
Maintenance Division
Production Control and Procurement
Safety
Fire Prevention
Plant Records
Technical Reports
Facilities Engineering
Process Analysis
Engineering Division
Engineering Mechanics
General Mechanical Engineering
Civil and Architectural Engineering
Electrical Engineering
Instrument Engineering
Engineering Analysis
Publications
Medical
Fire Department
Security
Recreation
Materials and Services Administration
Traffic
Cashier and Travel
Timekeeping
Capital Accounting and Budget
Employment
Wage Standards and Personnel Records

To each of the above departments, congratulations. Your name proudly shows that each member of that department cares enough to help.

It is hoped that many more de-



Riders wanted from Cumberland Estates section, Karns, to Central Portal, straight day. Jim George plant phone 7-8896, home phone Knoxville 588-6474.

Ride wanted or will join car pool from Willington Circle, Oak Ridge, to Central Portal, straight day. Betty Jeffers, plant phone 7-8241, home phone Oak Ridge 483-9594.

One rider wanted from South Knoxville to any portal, straight day. Ed Cook, plant phone 7-8445, home phone Knoxville 577-4786.

Ride wanted from Hillside Road, Oak Ridge, to Central Portal, straight day. Ruby Lucas, plant phone 7202, home phone Oak Ridge 483-4987.

Ride wanted from Lenoir City to Central Portal, straight day. R. D. Atkins, plant phone 7-8938, home phone Lenoir City 986-8859.

Ride wanted or will join car pool from Alcoa Highway, vicinity of Maloney Road, to North Portal, straight day. A. W. Maxey, plant phone 7-8268, home phone Knoxville 577-7432.

Ride wanted from North Central (one-half block off), near Big Red Star, Knoxville to West Portal, straight day. Nora Hurst, plant phone 7-8923, home phone Knoxville 523-1372.

Ride wanted from Norris, (13 Ridgeway), to North Portal, straight day. Jack C. Queener, plant phone 7541, home phone Norris 7965.

Spy Purposes

Continued from Page 2
tionship to gain confidential information from the American's employer.

Constantly Used

This basic technique is being constantly utilized by the Soviets today—and Americans should be alert to it!

Whom are the Soviets interested in developing? Virtually any American, but especially individuals such as scientists, engineers, technically trained individuals, members of the military, Government workers, and businessmen.

You may think: "The Russians might be interested in a high executive or engineer, but not a librarian or clerical employee in my plant."

Any Employee Utilized

But they are! A librarian, a clerk, a worker in the business office—in fact, any employee in an industrial plant—could be effectively utilized by the Soviets for spy purposes. By developing a "source" inside a plant, Government arsenal or defense facility, the Soviets can "leapfrog" so to speak, existing security procedures. Often a single "inside source" is in a position not only to furnish classified material, but also to identify additional individuals who might be "developed" and give valuable guidance.

W. M. Good Will Head Physics Seminar Friday

W. M. Good, ORNL Physics Division, will speak on "Neutron Physics in the Kilovolt Region" at this week's Physics Seminar.

The seminar is set for Friday, October 23, at 3:15 p.m. in the East Auditorium of ORNL's 4500 Building.

partments may be added in the final report which is due this week.

Y-12

Halloween Dance

Bill Lawson's ORCHESTRA
at the
Oak Terrace Ballroom

Door Prizes

Also Prizes will be given for Best
Men's and Women's Costumes!

OCTOBER 23, 1964

9 P.M. - 1 A.M.

\$1.50 PER PERSON

TAX INCLUDED